

## **Focus Area 16: Maternal, Infant, and Child Health**

**Objective 16-6a** targets an increase in early (first trimester) prenatal care for pregnant women to a rate of 90.0 per 100 live births (90 percent).

A total of 441,712 live births were reported in 2000 with prenatal care initiated during the first trimester of pregnancy, at a rate of 83.1 percent based on data extracted from the Birth Statistical Master Files (Figure 16-6a, Table 16-6a). For 2005, a total of 548,632 live births with early prenatal care were reported at a rate of 85.8 percent. Although California's trend for early prenatal care increased significantly during the 2000-2005 time period, rates remained lower than the 90 percent HP2010 target.

Data by race and ethnicity show that the lowest rates of early prenatal care were found for American Indian/Alaska Native women (73.0 percent in 2005, with no significant trend) and for Native Hawaiian/Other Pacific Islander women (73.4 percent in 2005, with a significantly increasing trend). African American/Black, Hispanic/Latino, and Multiracial women had early prenatal care rates in the low to mid 80 percent range, while Asian and White women had rates in the upper 80 percent range. Early prenatal care rates for most racial and ethnic groups increased significantly toward the HP2010 target, with the exceptions of American Indians/Alaska Natives and Whites. The HP2010 objective was achieved for Whites in 2003, but their rates declined below the target to 89.9 percent in 2004 and 89.6 percent in 2005.

Examined by age, early prenatal care rates were lowest for females under 15 years of age (48.0 percent in 2000, 50.5 in 2001, 48.7 in 2002, 52.7 in 2003, 48.7 in 2004, and 57.5 in 2005). Females aged 15-19 years experienced the next lowest rates (70.9 percent in 2000, 72.1 in 2001, 72.7 in 2002, 74.2 in 2003, 72.7 in 2004, and 73.9 in 2005). The HP2010 objective is being achieved only for women in the 30-34 and 35 years and older age groups as of 2005. Early prenatal care trends significantly increased between 2000 and 2005 for all age groups except for those under age 15.

For more information on early prenatal care in California, visit the Maternal and Child Health Branch Web site at:

<http://www.mch.dhs.ca.gov/>

For more information on Healthy People 2010 objective 16-6a please visit:

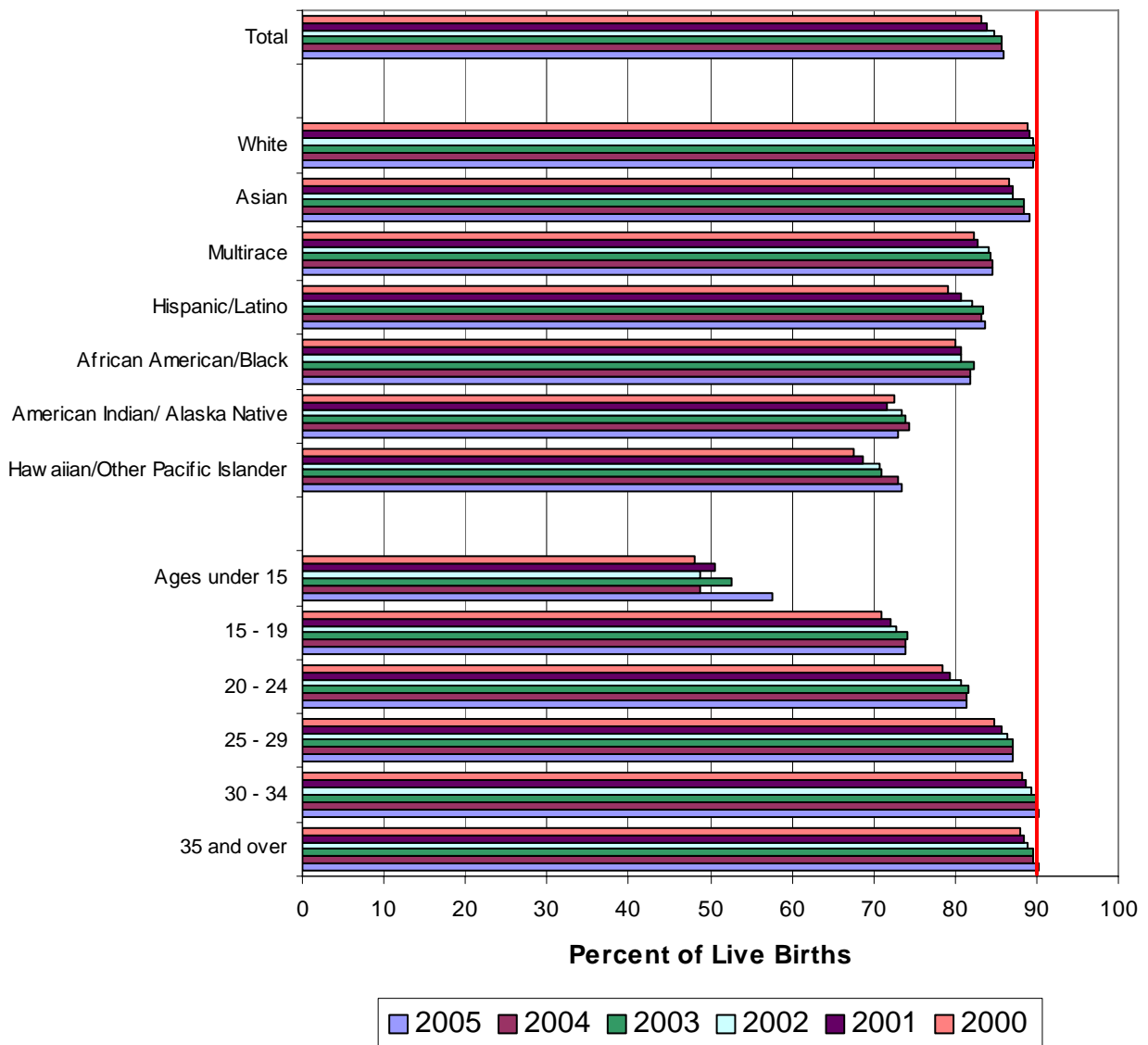
[http://www.healthypeople.gov/Document/HTML/Volume2/16MICH.htm#\\_Toc494699661](http://www.healthypeople.gov/Document/HTML/Volume2/16MICH.htm#_Toc494699661)

and

<http://www.healthypeople.gov/Document/html/tracking/od16.htm#prenatalcare>

**Figure 16-6a**  
**Early (First Trimester) Prenatal Care**  
**California, 2000-2005**

Healthy People 2010 objective = 90.0



**Table 16-6a: Early (First Trimester) Prenatal Care  
California, 2000-2005**

	2000					2001				
HP2010 Objective 16-6a	Early Care <sup>1</sup>	Live Births <sup>2</sup>	Rate <sup>3</sup>	Lower C.I. <sup>4</sup>	Upper C.I. <sup>4</sup>	Early Care <sup>1</sup>	Live Births <sup>2</sup>	Rate <sup>3</sup>	Lower C.I. <sup>4</sup>	Upper C.I. <sup>4</sup>
<b>Healthy People 2010 Target</b>	<b>90.0</b>					<b>90.0</b>				
<b>Statewide Total</b>	441,712	531,285	83.1	83.0	83.2	442,937	527,371	84.0	83.9	84.1
<b>Race-Ethnicity of Mother</b>										
African American/Black	25,841	32,302	80.0	79.6	80.4	24,963	30,965	80.6	80.2	81.1
American Indian/Alaska Native	1,431	1,975	72.5	70.5	74.4	1,423	1,986	71.7	69.7	73.6
Asian	51,009	58,876	86.6	86.4	86.9	49,983	57,443	87.0	86.7	87.3
Hawaiian/Other Pacific Islander	1,606	2,376	67.6	65.7	69.5	1,616	2,355	68.6	66.7	70.5
Hispanic/Latino	204,435	257,958	79.3	79.1	79.4	210,770	260,996	80.8	80.6	80.9
White	149,478	168,233	88.9	88.7	89.0	146,118	163,777	89.2	89.1	89.4
Multirace	5,142	6,254	82.2	81.3	83.2	5,291	6,388	82.8	81.9	83.8
<b>Maternal Age Group</b>										
Under 15	430	895	48.0	44.8	51.3	409	810	50.5	47.1	53.9
15 - 19	39,250	55,373	70.9	70.5	71.3	38,207	52,966	72.1	71.8	72.5
20 - 24	96,242	122,591	78.5	78.3	78.7	97,916	123,227	79.5	79.2	79.7
25 - 29	118,420	139,615	84.8	84.6	85.0	116,871	136,439	85.7	85.5	85.8
30 - 34	112,324	127,502	88.1	87.9	88.3	113,504	127,946	88.7	88.5	88.9
35 and over	75,046	85,309	88.0	87.8	88.2	76,030	85,983	88.4	88.2	88.6

SOURCE: California Department of Health Services, Center for Health Statistics, Birth Statistical Master Files, 2000-2001.

NOTES: <sup>1</sup> Early prenatal care defined as care beginning in the first trimester of pregnancy.

<sup>2</sup> Live births among California residents; excludes fetal deaths.

<sup>3</sup> Rate per 100 live births (percent).

<sup>4</sup> Upper and lower ninety-five percent confidence intervals (95% CI).

**Table 16-6a: Early (First Trimester) Prenatal Care, continued**

	2002					2003				
HP2010 Objective 16-6a	Early Care <sup>1</sup>	Live Births <sup>2</sup>	Rate <sup>3</sup>	Lower C.I. <sup>4</sup>	Upper C.I. <sup>4</sup>	Early Care <sup>1</sup>	Live Births <sup>2</sup>	Rate <sup>3</sup>	Lower C.I. <sup>4</sup>	Upper C.I. <sup>4</sup>
<b>Healthy People 2010 Target</b>	<b>90.0</b>					<b>90.0</b>				
<b>Statewide Total</b>	448,953	529,241	84.8	84.7	84.9	464,157	540,827	85.8	85.7	85.9
<b>Race-Ethnicity of Mother</b>										
African American/Black	24,075	29,806	80.8	80.3	81.2	24,029	29,211	82.3	81.8	82.7
American Indian/Alaska Native	1,445	1,966	73.5	71.5	75.5	1,483	2,004	74.0	72.1	75.9
Asian	51,727	59,376	87.1	86.8	87.4	54,371	61,525	88.4	88.1	88.6
Hawaiian/Other Pacific Islander	1,707	2,411	70.8	69.0	72.6	1,712	2,409	71.1	69.3	72.9
Hispanic/Latino	216,136	263,022	82.2	82.0	82.3	225,059	269,691	83.5	83.3	83.6
White	144,661	161,470	89.6	89.4	89.7	146,608	162,920	90.0	89.8	90.1
Multirace	5,733	6,813	84.1	83.3	85.0	6,000	7,112	84.4	83.5	85.2
<b>Maternal Age Group</b>										
Under 15	362	743	48.7	45.1	52.3	374	710	52.7	49.0	56.3
15 - 19	36,517	50,200	72.7	72.4	73.1	36,601	49,330	74.2	73.8	74.6
20 - 24	99,357	123,056	80.7	80.5	81.0	101,101	123,815	81.7	81.4	81.9
25 - 29	118,451	137,236	86.3	86.1	86.5	122,540	140,556	87.2	87.0	87.4
30 - 34	116,409	130,367	89.3	89.1	89.5	121,468	134,809	90.1	89.9	90.3
35 and over	77,857	87,639	88.8	88.6	89.0	82,073	91,607	89.6	89.4	89.8

SOURCE: California Department of Health Services, Center for Health Statistics, Birth Statistical Master Files, 2002-2003.

NOTES: <sup>1</sup> Early prenatal care defined as care beginning in the first trimester of pregnancy.

<sup>2</sup> Live births among California residents; excludes fetal deaths.

<sup>3</sup> Rate per 100 live births (percent).

<sup>4</sup> Upper and lower ninety-five percent confidence intervals (95% CI).

**Table 16-6a: Early (First Trimester) Prenatal Care, continued**

	2004					2005					2000-2005 Trend <sup>5</sup>
HP2010 Objective 16-6a	Early Care <sup>1</sup>	Live Births <sup>2</sup>	Rate <sup>3</sup>	Lower C.I. <sup>4</sup>	Upper C.I. <sup>4</sup>	Early Care <sup>1</sup>	Live Births <sup>2</sup>	Rate <sup>3</sup>	Lower C.I. <sup>4</sup>	Upper C.I. <sup>4</sup>	
<b>Healthy People 2010 Target</b>	<b>90.0</b>					<b>90.0</b>					
<b>Statewide Total</b>	466,463	544,685	85.6	85.5	85.7	470,955	548,632	85.8	85.7	85.9	Sig. +
<b>Race-Ethnicity of Mother</b>											
African American/Black	23,485	28,679	81.9	81.4	82.3	23,541	28,756	81.9	81.4	82.3	Sig. +
American Indian/Alaska Native	1,544	2,073	74.5	72.6	76.4	1,545	2,116	73.0	71.1	74.9	ns
Asian	54,899	62,122	88.4	88.1	88.6	54,974	61,735	89.0	88.8	89.3	Sig. +
Hawaiian/Other Pacific Islander	1,854	2,543	72.9	71.2	74.6	1,856	2,528	73.4	71.7	75.1	Sig. +
Hispanic/Latino	229,275	275,188	83.3	83.2	83.5	236,937	282,823	83.8	83.6	83.9	Sig. +
White	142,902	158,992	89.9	89.7	90.0	139,617	155,900	89.6	89.4	89.7	ns
Multirace	6,060	7,162	84.6	83.8	85.4	6,244	7,382	84.6	83.8	85.4	Sig. +
<b>Maternal Age Group</b>											
Under 15	339	696	48.7	45.0	52.4	435	756	57.5	54.0	61.1	ns
15 - 19	36,749	49,737	73.9	73.5	74.3	36,985	50,017	73.9	73.6	74.3	Sig. +
20 - 24	101,063	124,309	81.3	81.1	81.5	102,275	125,529	81.5	81.3	81.7	Sig. +
25 - 29	123,246	141,608	87.0	86.9	87.2	124,761	143,446	87.0	86.8	87.1	Sig. +
30 - 34	121,083	134,578	90.0	89.8	90.1	120,694	133,741	90.2	90.1	90.4	Sig. +
35 and over	83,983	93,757	89.6	89.4	89.8	85,805	95,143	90.2	90.0	90.4	Sig. +

SOURCE: California Department of Health Services, Center for Health Statistics, Birth Statistical Master Files, 2004-2005.

NOTES: <sup>1</sup> Early prenatal care defined as care beginning in the first trimester of pregnancy.

<sup>2</sup> Live births among California residents; excludes fetal deaths.

<sup>3</sup> Rate per 100 live births (percent).

<sup>4</sup> Upper and lower ninety-five percent confidence intervals (95% CI).

<sup>5</sup> Statistically significant increase (Sig. +); Not statistically significant (ns).